

Title (en)
CATHETER WITH BALLOON VALVE

Title (de)
KATHETER MIT BALLONVENTIL

Title (fr)
CATHÉTER AVEC VALVE À BALLONNET

Publication
EP 3691601 B1 20220420 (EN)

Application
EP 18887214 A 20181228

Priority
US 2018067923 W 20181228

Abstract (en)
[origin: WO2020139378A1] A catheter having a selectively inflatable external balloon and an internal balloon, the internal balloon is operable as a valve to control fluid flow through a channel.

IPC 8 full level
A61J 15/00 (2006.01)

CPC (source: EP US)
A61J 15/0015 (2013.01 - US); **A61J 15/0042** (2013.01 - US); **A61J 15/0049** (2013.01 - EP); **A61J 15/0092** (2013.01 - EP);
A61M 25/0023 (2013.01 - EP); **A61M 25/0029** (2013.01 - EP); **A61M 25/0068** (2013.01 - US); **A61J 15/0015** (2013.01 - EP);
A61M 25/04 (2013.01 - EP); **A61M 2025/0025** (2013.01 - EP); **A61M 2025/0035** (2013.01 - EP)

Citation (examination)
• US 4166468 A 19790904 - HAYNIE LOUIS D [US]
• DE 3035243 C2 19821230

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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WO 2020139378 A1 20200702; CA 3043726 A1 20190725; CA 3043726 C 20200908; EP 3691601 A1 20200812; EP 3691601 A4 20200812;
EP 3691601 B1 20220420; EP 4035646 A1 20220803; EP 4035646 B1 20240207; US 11369547 B2 20220628; US 2020297585 A1 20200924

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